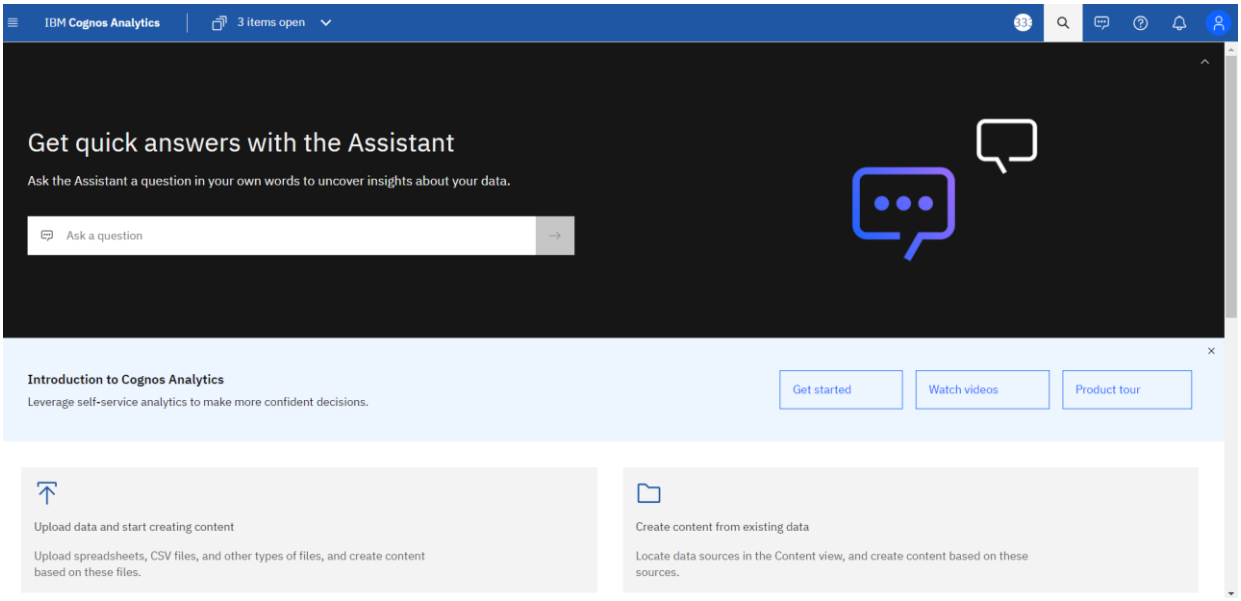
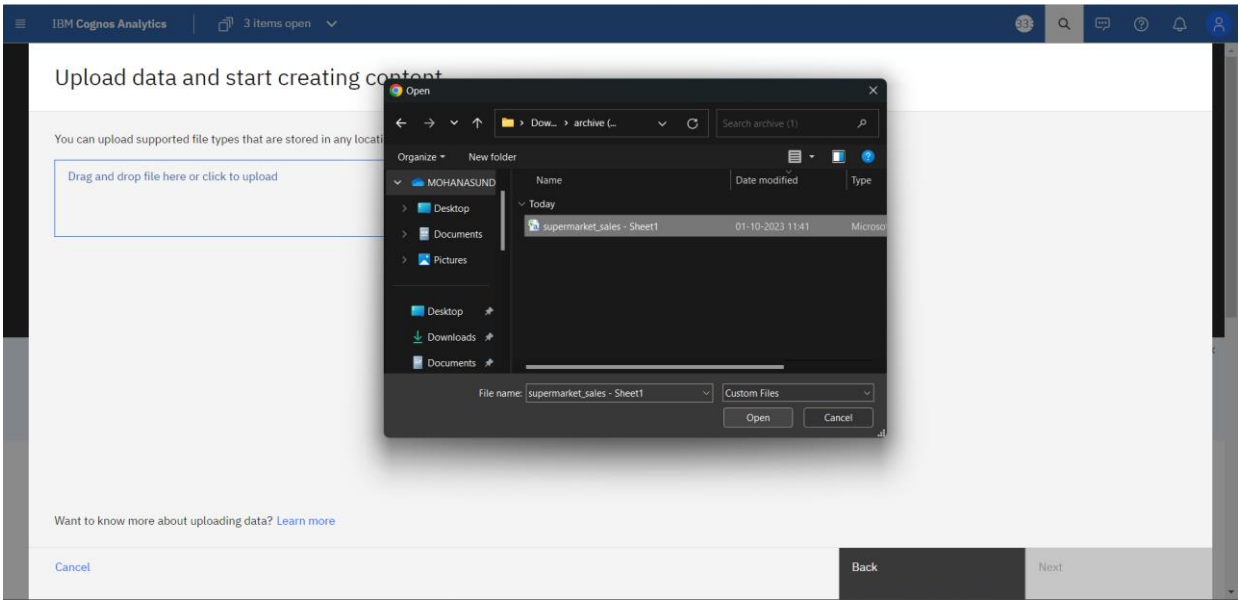
# SUPER MARKET SALES ANALYSIS VISUALIZATION

**NAME**: MURALIKKRISHNAN S

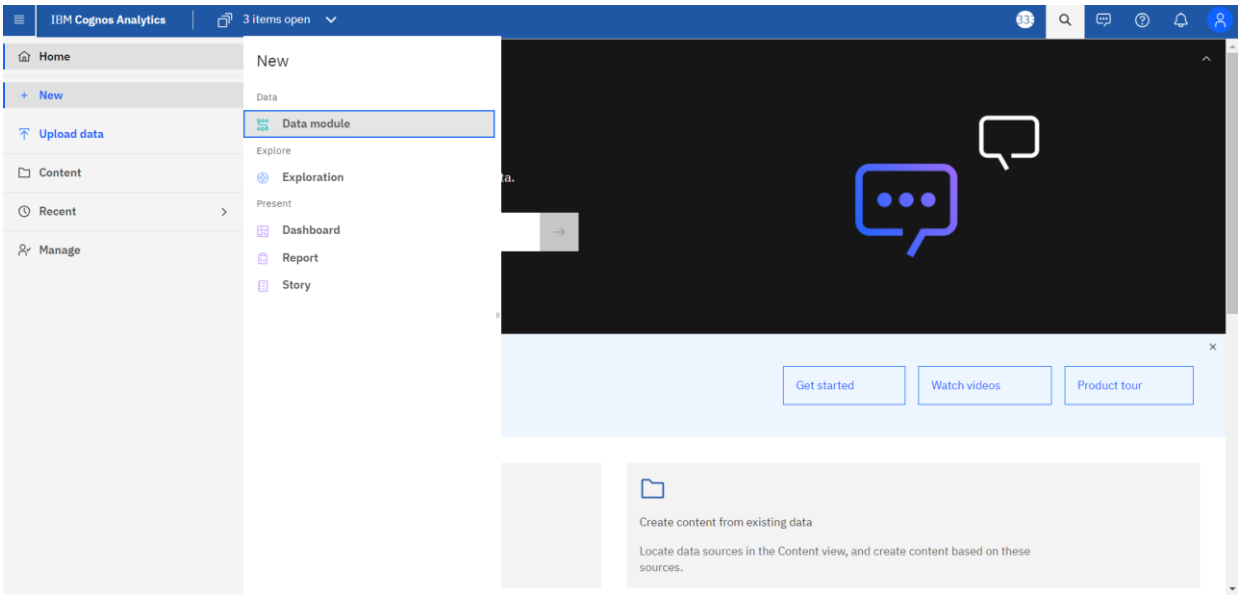
## Upload the dataset, delete unnecessary column and create data module:

**Step1:** Upload the data (CSV file) in the Cognos.

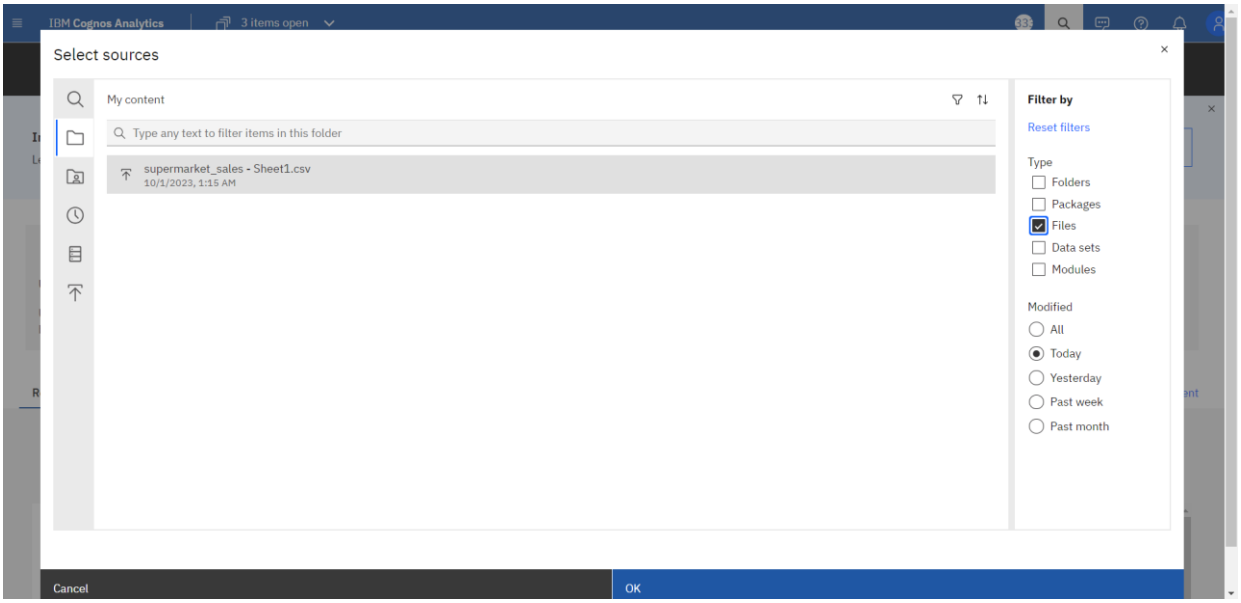


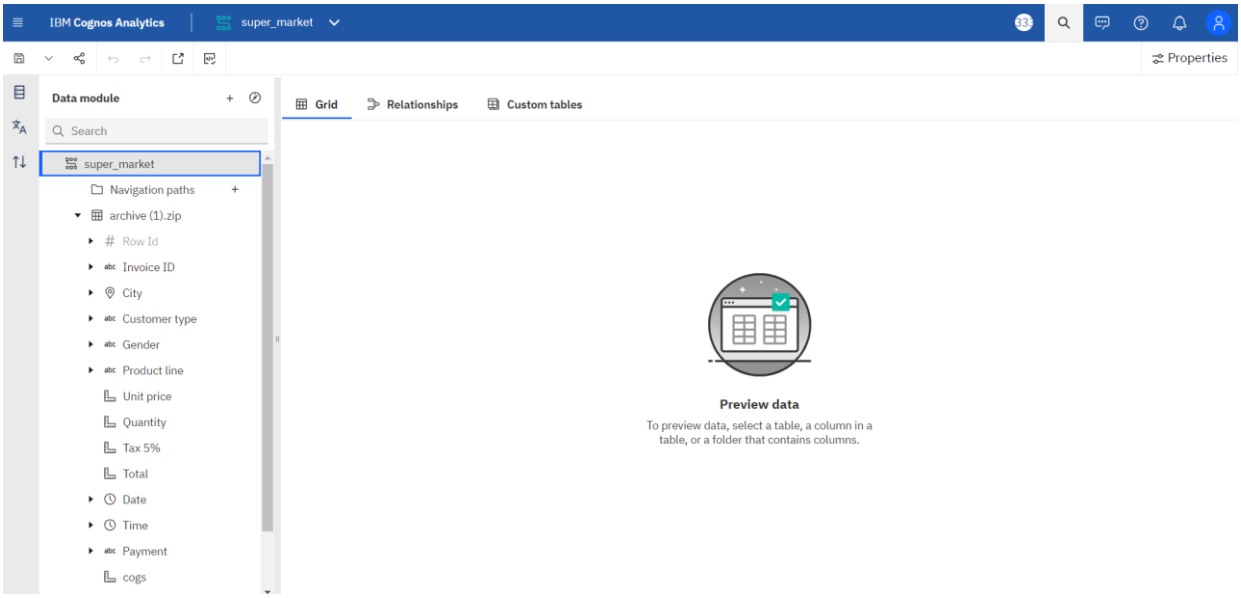
**Step2:** Create Data module.

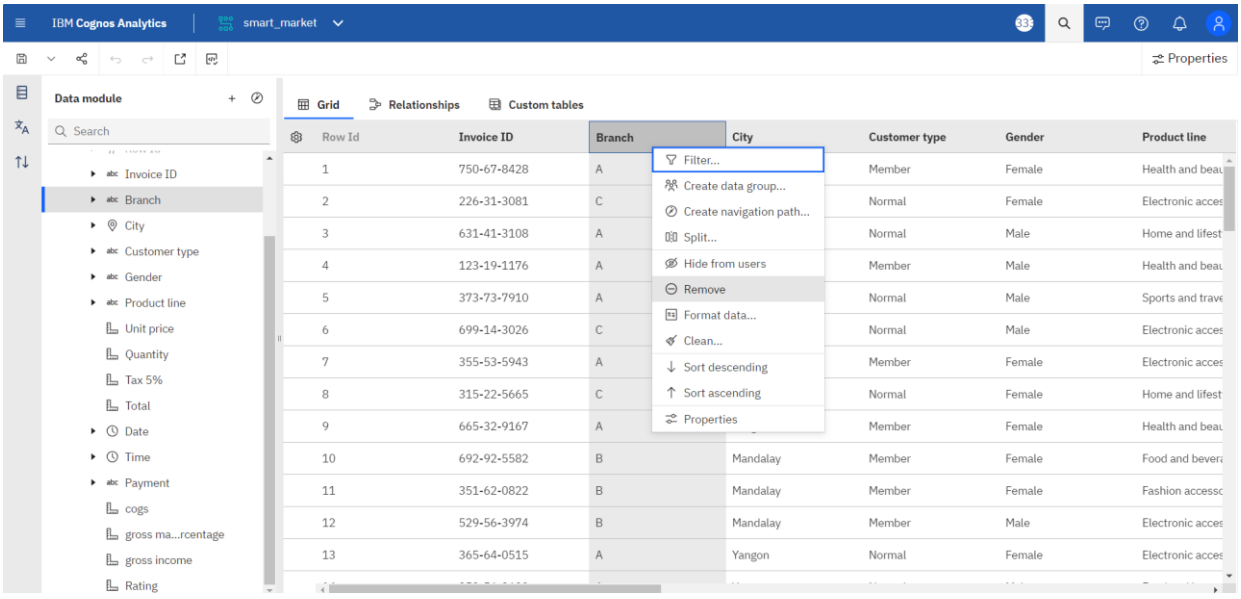



**Step3:** Select the source CSV file.



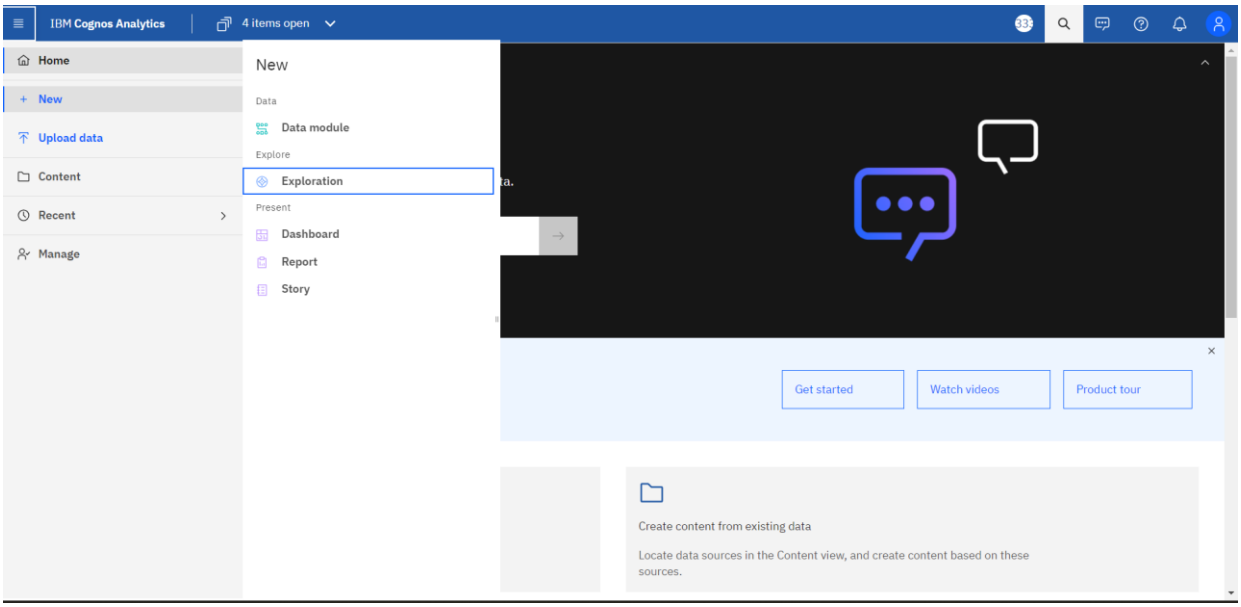
**Step 4:** After uploading, grid displays the table value of the CSV file. In that we able to delete or remove the unnecessary values.



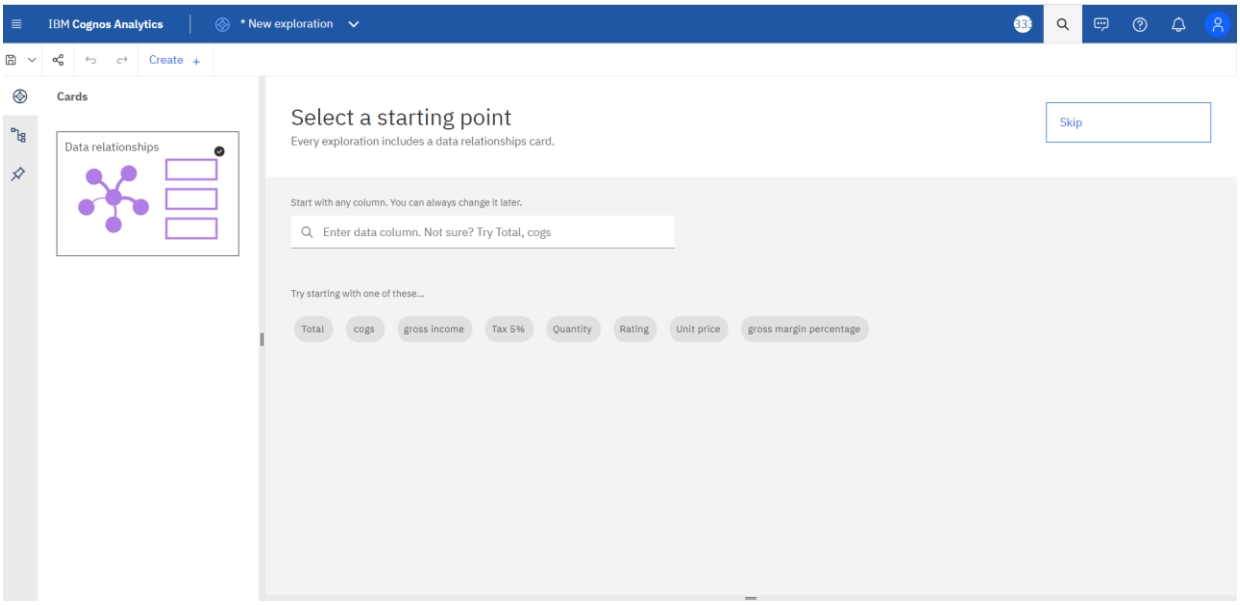



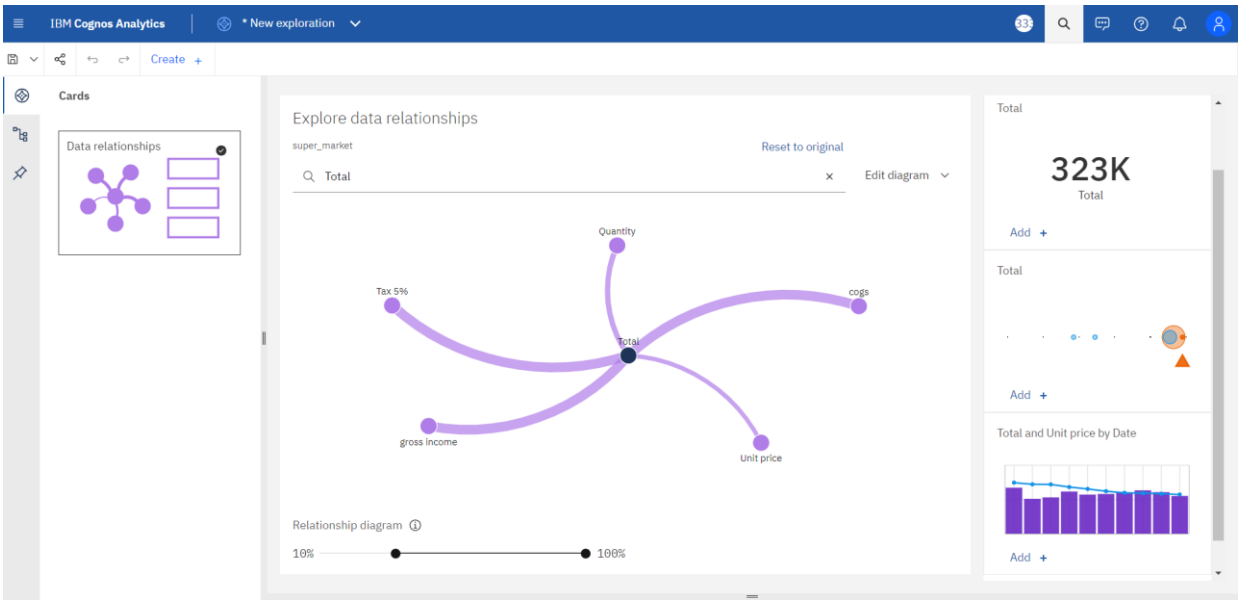
# Explore the dataset:

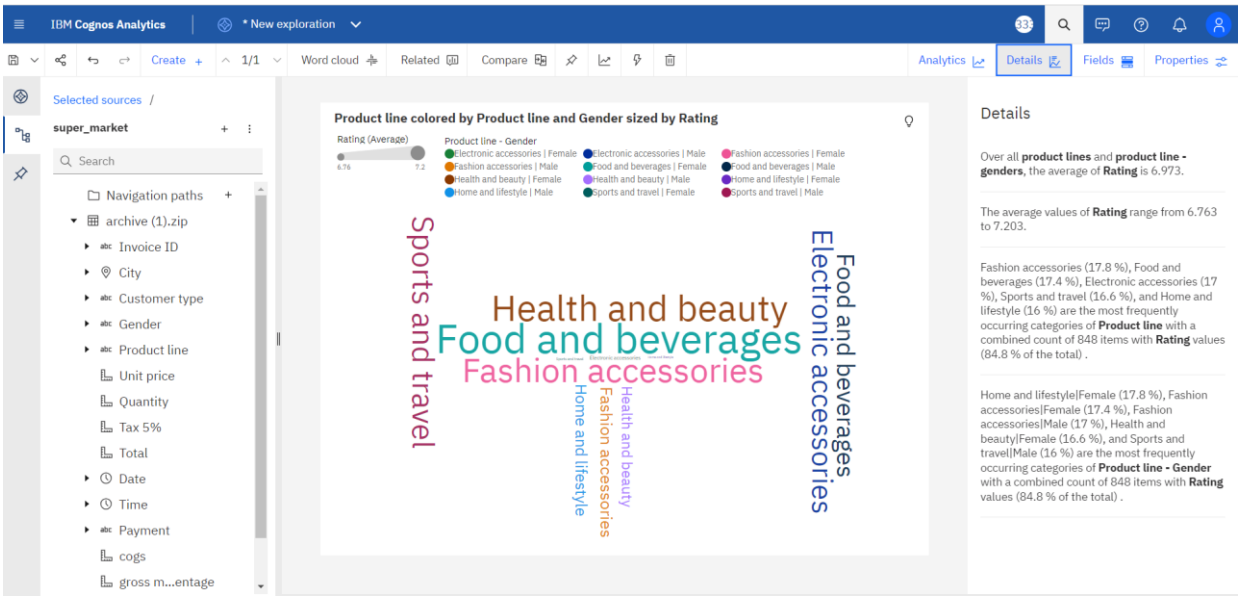
**Step1:** Select the Exploration.




**Step2:** Explore the dataset.

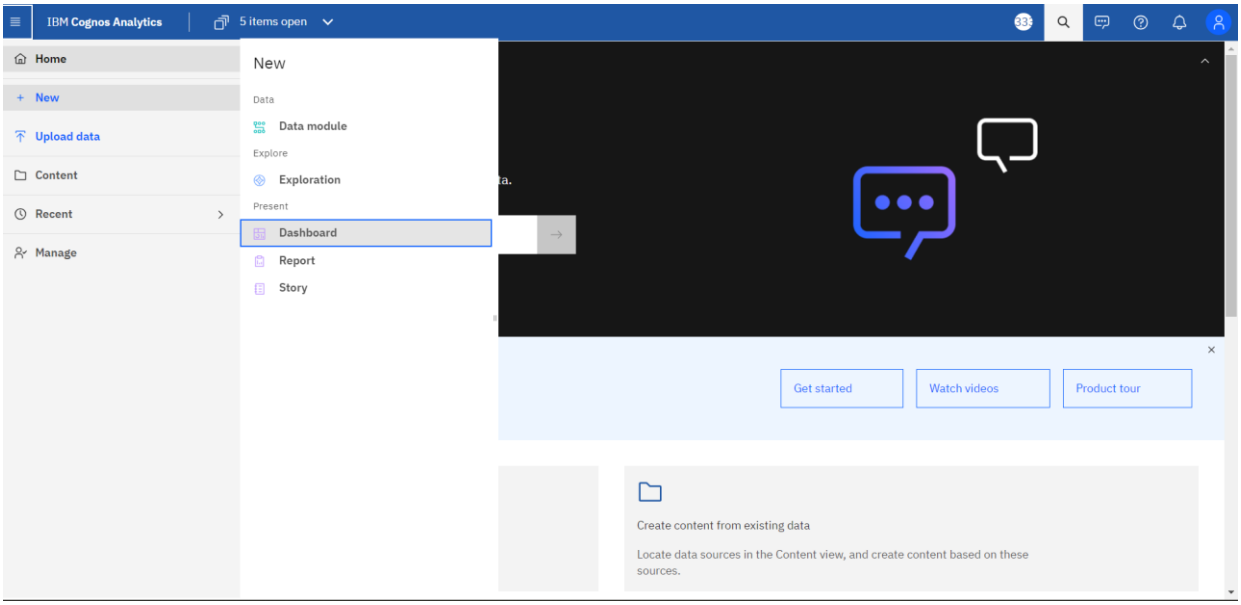



IBM Cognos Analytics
* New exploration
Create
Cards
Data relationships
Explore data relationships
super_market
Reset to original
Total
Edit diagram
Quantity
Tax 5%
cogs
Total
gross income
Unit price
Relationship diagram
10%
100%
Total
323K
Total
Add
Total
Add
Total and Unit price by Date
Add

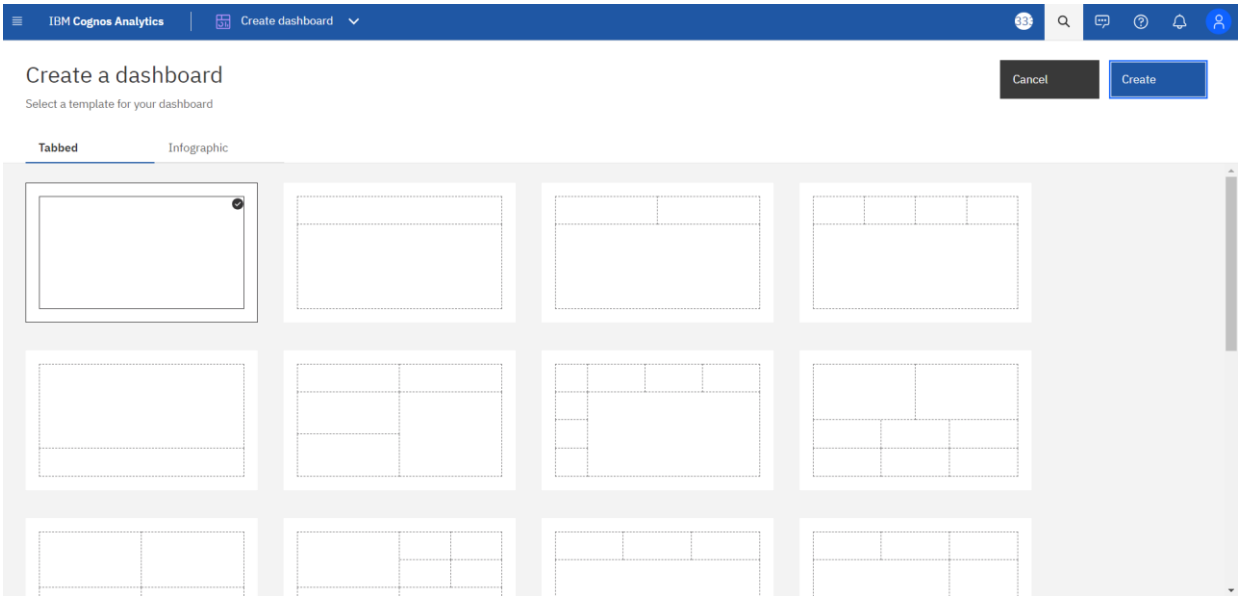

IBM Cognos Analytics
* New exploration
Create
1/1
Word cloud
Related
Compare
Analytics
Details
Fields
Properties
Selected sources /
super_market
Search
Navigation paths
archive (1).zip
Invoice ID
City
Customer type
Gender
Product line
Unit price
Quantity
Tax 5%
Total
Date
Time
Payment
cogs
gross m...entage
Product line colored by Product line and Gender sized by Rating
Rating (Average)
Product line - Gender
Electronic accessories | Female
Electronic accessories | Male
Fashion accessories | Female
Fashion accessories | Male
Food and beverages | Female
Food and beverages | Male
Health and beauty | Female
Health and beauty | Male
Home and lifestyle | Female
Home and lifestyle | Male
Sports and travel | Female
Sports and travel | Male
Sports and travel
Health and beauty
Food and beverages
Fashion accessories
Home and lifestyle
Fashion accessories
Health and beauty
Food and beverages
Electronic accessories
Details
Over all product lines and product line - genders, the average of Rating is 6.973.
The average values of Rating range from 6.763 to 7.203.
Fashion accessories (17.8 %), Food and beverages (17.4 %), Electronic accessories (17 %), Sports and travel (16.6 %), and Home and lifestyle (16 %) are the most frequently occurring categories of Product line with a combined count of 848 items with Rating values (84.8 % of the total) .
Home and lifestyle|Female (17.8 %), Fashion accessories|Female (17.4 %), Fashion accessories|Male (17 %), Health and beauty|Female (16.6 %), and Sports and travel|Male (16 %) are the most frequently occurring categories of Product line - Gender with a combined count of 848 items with Rating values (84.8 % of the total) .

# Visualize the Dataset:

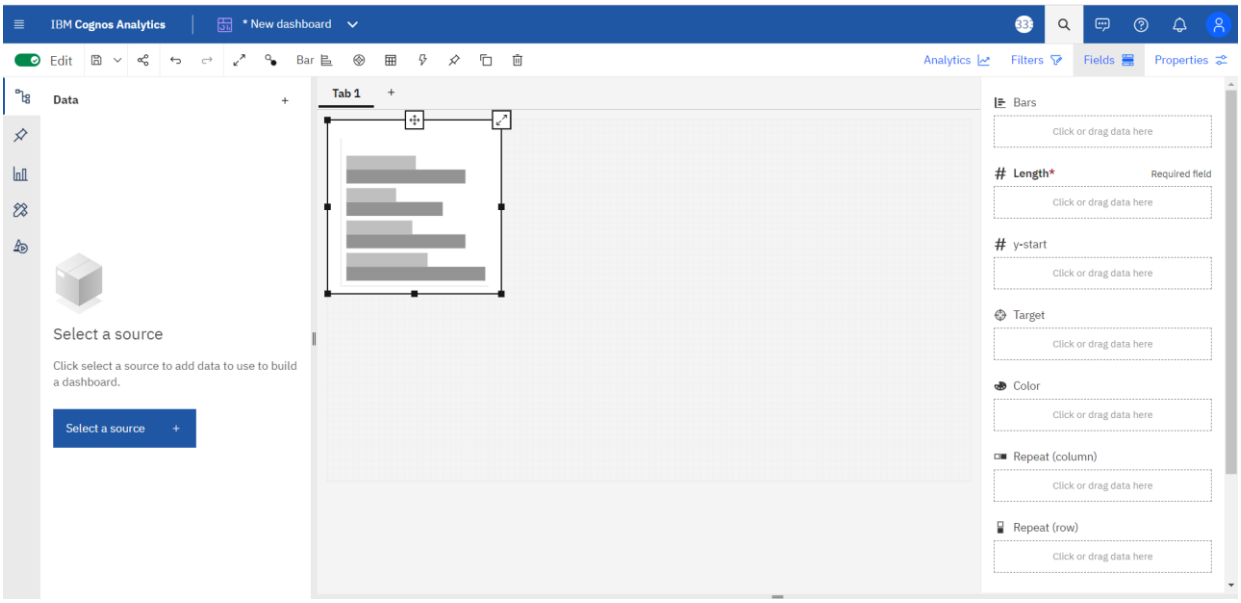
**Step 1:** Create the Dashboard.



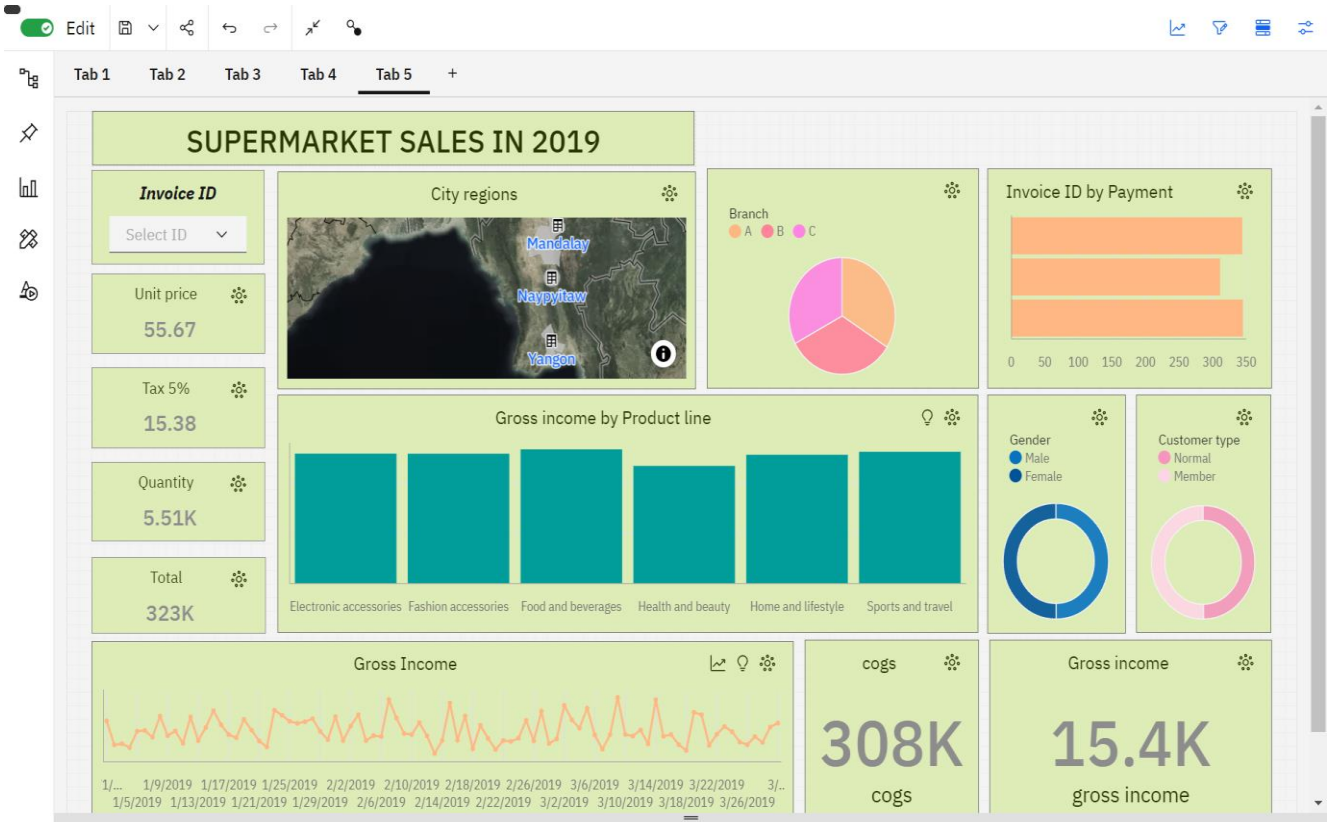

**Step2:** Create Template for the Dashboard.



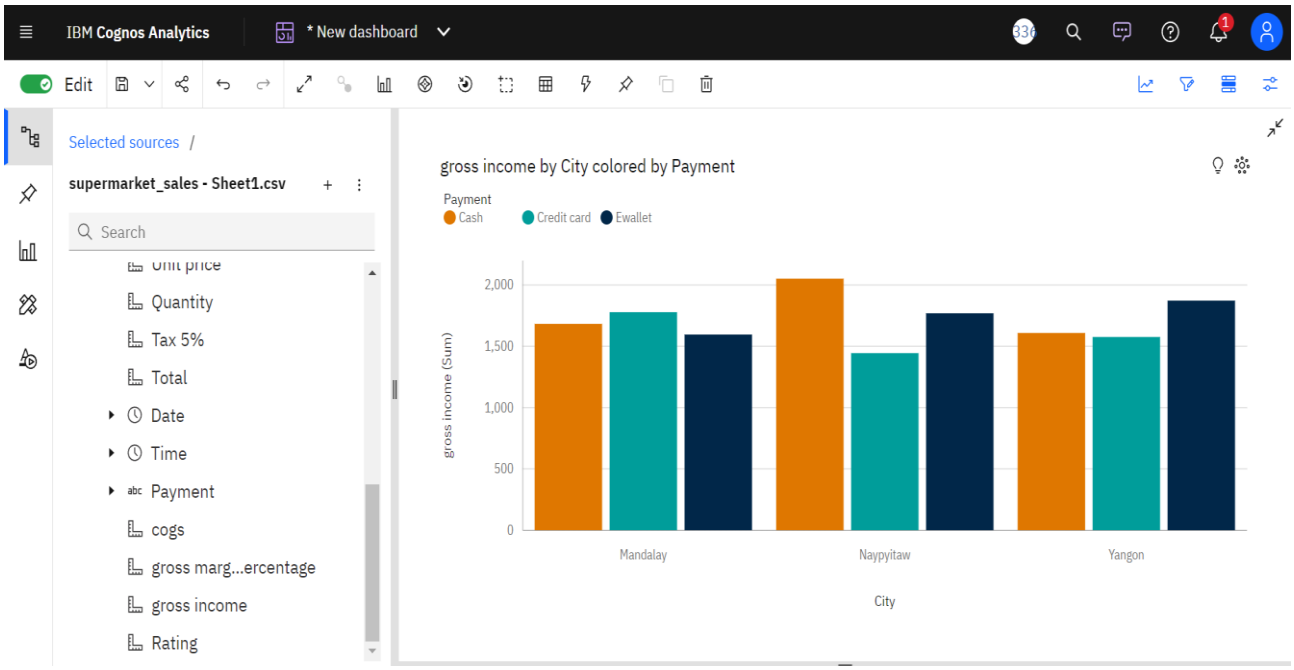
**Step3:** Choose Visualization type.

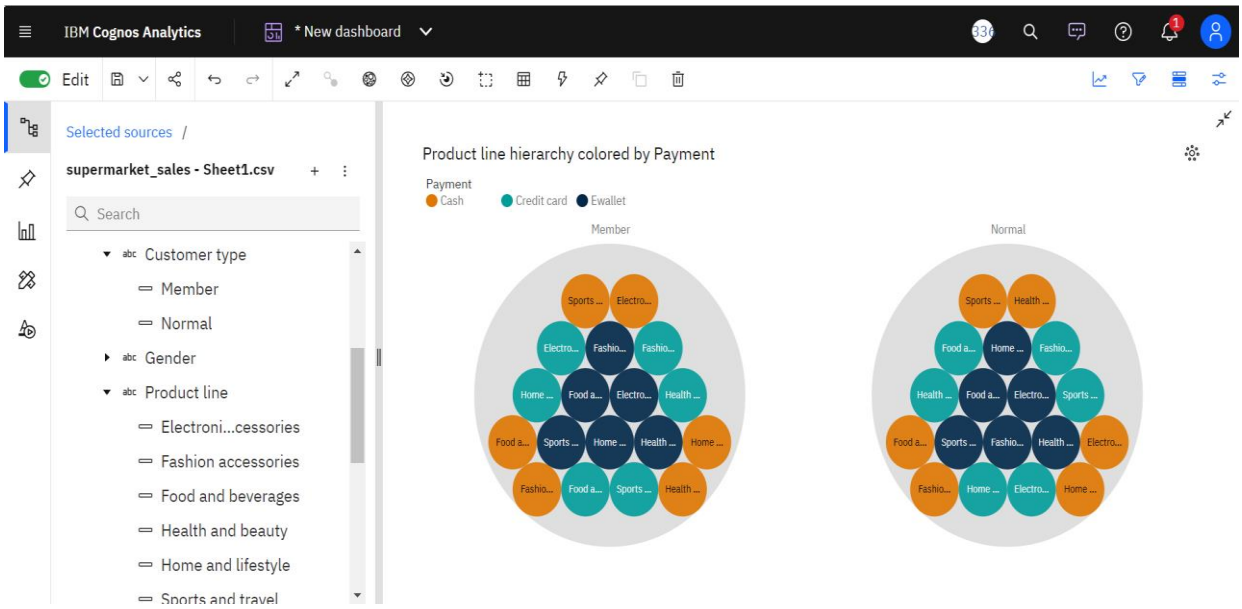


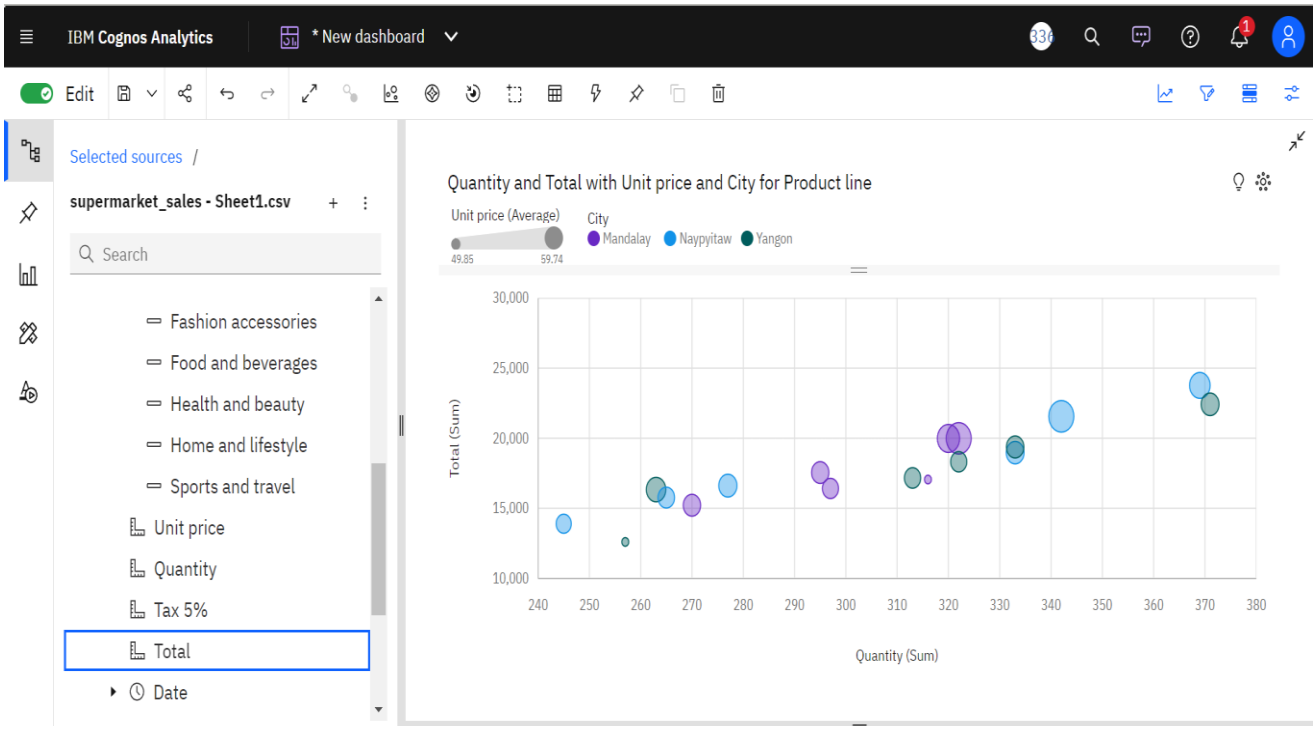

**Step 4:** Create Visualization Charts and Save it. Present the Data Sets.



## Some Data Visualizations Sets:




IBM Cognos Analytics
* New dashboard
Edit
Selected sources /
supermarket_sales - Sheet1.csv
Search
Fashion accessories
Food and beverages
Health and beauty
Home and lifestyle
Sports and travel
Unit price
Quantity
Tax 5%
Total
Date
Quantity and Total with Unit price and City for Product line
Unit price (Average)
49.85
59.74
City
Mandalay
Naypyitaw
Yangon
Total (Sum)
30,000
25,000
20,000
15,000
10,000
240
250
260
270
280
290
300
310
320
330
340
350
360
370
380
Quantity (Sum)